SBR 51/16-17

Original/Duplicate/Triplicate

No. Poor 1st & FINAL BILL

CONTRACT CERTIFICATE

(For Other Works)

Date : .....

Division DD

Sub-Division

Bill Received No. 203 ..... Dated 3-6-16

Cash Book Voucher No. ..... Dated : .....

Scheduled Doctet No. .....

Head of Account .....

Name of work (as per sanctioned estimate) **MAINTENANCE OF BOREWELL AT SHETTYHALLI, ABBIGERE, MEDARAHALLI AND CHIKKASANDRA IN W.NO.12 SHETTY HALLI SUB DIVISION**

Name of Contractor and Full Address **SRI. S. PRAKASH**

Reference to Agreement No. **EE/DD/WO/ 06 / 16-17** Date: **27.04.2016**

Certified that the measurements were taken by me on 24.6.2016 and recorded in pages 183910 / 1 - 33 of measurements Book No. 1794 / 13-14 and that the work is satisfactorily executed.

Contractor

Officer - in - charge of work

Certified that the measurements were checked by me on 24/6/16 and found correct. The work is satisfactorily executed.

Certified that the quantities of materials shown in column 3 of Account II have been actually brought to site of the work and the contractor has not previously received any advance on this security. These materials are of an imperishable nature and are all required for immediate use on the work in connection with items for finished work have been agreed upon. A normal agreement signed and executed by the contractor is recorded in the office.

Sub Division Officer

If Memorandum of Payment **JOB NO : 012-16-000010**

		AMOUNT
1.	Total value of work done or supplies made as per account.	
2.	Deduct amount to be held in reserve being ..... percent Rs.	
3.	- do - Balance	
4.	Deduct Payments :	
	a) Amount of previous payment as in the Office Cash Book Voucher No..... Dated ..... S.D. No.	
	Amount adjusted towards cash advance recovery of	
	b) Payments cost store or other materials supplied.	
5.	Balance being unpaid value of work done held in reserve	
6.	Deduct cash advance made on the office Cash Book Vehicle No. ..... dated ..... less adjustments	
7.	Net amount due to or from contractor	
	Unadjusted items	
8.	Advance to contractor for materials brought to site (as detailed) within value of Government materials supplied.	
	Total amount adjusted	

I<P -- 2598997 27833622

IT - 27834

KST - 111334

LWC - 27834

Total --

CSF - 2783

Bed - 16978

Rec 2613577

Audited and admitted for Rs. 2783362

Passed by Cheque for Rs. .....

(..... 2613577

Received Rs. ..... (In words)

by adjustment Rs. 169785 .....

..... by cash and by adjustment of

Payment as per memorandum.

(In final settlement of all demand)

Witness 1. Unis Superintendent

Executive Engineer

B.B.M.P. Hegganahalli Division

Contractor Signature

(For use in the Office)

2.

Stamp

Date

Signature of Contractor

Paid by me by cheque No..... Dated .....

Cash Rs. ..... Dated .....

Initials of Officer making payment dated .....

Executive Engineer

48	Supplying and fixing polished wood board made of not less than 15mm thick plank on both sides with planks more than 2 pieces and fixing the same to the wall using tapers incerted wooden plugs screws etc F) 20" 20"X per specfication & as per direction of Engineer-in-charge
49	Supplying and fixingr regula MCB distribution boards / flush mounting using required clamps blots, nuts etc fixing suitable type capacity MCBs single phase/ 3 Phase/ Single door with powder coated with powder coa complete single door a) 4 way SP & N complete as per specfication & as per direction of Engineer-in-charge
50	Supplying and fixing of porcelain fuse channel with cutouts on exising wooden/ panel using necessary nuts, b etc complete 63 Amps complete as per specfication & as per direction of Engineer-in-charge
51	Supplying and fixing single phase preventer complete as per specfication & as per direction of Engineer-in-charg
52	Supplying fixing and wireing 0 to 600 volts 96 X 96mm AC Voltmeter complete as per specfication & as per direc in-charge
53	Supplying fixing and wireing 0 to 100 amps direct reading AC analog ammeter complete as per specfication & as Engineer-in-charge
54	Supplying fixing and wireing rotary sector switch suitable for ammeter complete as per specfication & as Engineer-in-charge
55	Supplying fixing and wiring rotary sector switch suitable for voltmeter complete as per specfication & as per direct in-charge
56	Supplying and fixing for LED type panel board indicating lamp with 220 V AC 50 Hz 12/24v DC a) group A) c specfication & as per direction of Engineer-in-charge
57	Supplying and fixing of 4 pole power contractor complete as per specfication & as per direction of Engineer-in-cha
58	Providing and fixing in position 50mm nominal bore non-return valve horizontal type of approved make includ materials labour and HOM of equipments with all leads complete as per specfication & as per direction of Engineer
59	Supplying and fixing 50mm GL union complete as per specfication & as per direction of Engineer-in-charge
60	Supplying and fixing 50mm GL Elbow complete as per specfication & as per direction of Engineer-in-charge
61	Supplying and fixing 50mm GL Nipple complete as per specfication & as per direction of Engineer-in-charge
62	Supplying and fixing 50mm GL Colllard complete as per specfication & as per direction of Engineer-in-charge
63	Supplying and fixing gun metal gate valve 50mm nominal bore complete as per specfication & as per direction of charge
64	Old GI pipe threading and transportation charges Rs. 27 per Mtf-6.00 mtrs x 27/- complete as per specfication & as of Engineer-in-charge

CERTIFICATE:

1 Work done is satisfactory

2 There are no departmental issuesmade to the contractor

3 The contractor has cleared all debrice from work spot

4 RMC is used for items 12-14-25

ut of not nplete as	Each	-	-	45	285	12825/-	45	12825	
viding for ting etc.,	Each	-	-	35	750	26250/-	35	26250	
washers	Each	-	-70	72	219	15768/-	72	15768	
	Each	-	-	60	735	44100/-	60	44100	
ngineer-	Each	-	-	40	430	17200/-	40	17200	
rection of	Each	-	-	40	495	19800/-	40	19800	
ection of	Each	-	-	40	430	17200/-	40	17200	
Engineer-	Each	-	-	30	245	7350/-	30	7350	
e as per	Each	-	-	40	430	17200/-	40	17200	
	No	-	-	28	925	25900/-	28	25900	
ost of all arge	No	-	-	29	1051	30479/-	29	30479	
	No	-	-	32	223.7	7158/-	32	7158	
	No	-	-	32	122	3904/-	32	3904	
	No	-	-	85	104.3	8865/-	85	8865	
	No	-	-	180	125	22500/-	180	22500	
gineer-in-	No	-	-	8	1200	9600/-	8	9600	
direction	No	-	-	155	162	25110/-	155	25110	
					ಒಟ್ಟುಮೊತ್ತ	27,89,890/-		27,89,890	
						27833/62=00		27,83,362	=00

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಶೆಟ್ಟಿಹಳ್ಳಿ ಉಪವಿಭಾಗ, ದಾಸರಹಳ್ಳಿ ವಲಯ
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ
ಎಸ್.ಎಂ ರಸ್ತೆ, ರವೀಂದ್ರನಗರ, ಬೆಂಗಳೂರು

29	Studs and nuts complete as per specfication & as per direction of Engineer-in-charge
30	Bearing (gunmetal) centrifugal Cast aluminium bronze, bearing bush complete as per specfication & as p direction in-charge
31	Circlips complete as per specfication & as per direction of Engineer-in-charge
32	Motor base with pin complete as per specfication & as per direction of Engineer-in-charge
33	Transportion of pumping Machineres complete as per specfication & as per direction of Engineer-in-charge
34	Supply & delivery at site brand new texmo/innoval/lubi/sabar /Atalanta/calamal/ waterman/Radha make suitable submercible pumpset suitable for vertical installation in 150 dia borewells compressing of single stage or multis close coupled by means of stainless steel coupling to suitable HP suitable speed totally enclosed and filled with water squirrel cagesubmercible induction motor suitable for operation of 3Ph, 50Hz.380/440 volts AC supply fitte accessories such as suction, casing, suction strainers, sand guard. Non return valve etc Complete the pump a from an integral unit with all the required fittings 7.5. HP 16 stage complete as per specfication & as per direction charge
35	The pump and motor shall form an integral unit with all the required 12.5 HP 24 stage complete as per specfic direction of Engineer-in-charge
36	Labour chagres for erection of new/ repaired submersible pump set along with GI pipes (32mm/50mm) cable (Ne pump set ((including transportation charges) complete as per specfication & as per direction of Engineer-in-charge
37	Labour chagres for lifting of non functioning submersible pump set along with GI pipes (Each length=6m) i) 50mm
38	Labour charges (over hauling only) Per job complete as per specfication & as per direction of Engineer-in-charge
39	Supply and drawing 3 core flabr PVD sheathed submersible pump cable manufacture with electrolytic grade copp copper conductor confirming to calbe 3 class 5 of IS 8130 - 1984 and altes amendments of IS 694 / 1990 and vi insulation and sheathed suitable for working volgrage upto 1100 volts complete as per specfication & as p Engineer-in-charge
40	Supplying and fixing 50mm GI pepes C class heavy duty for erection of submersible pump set complete as per sp per direction of Engineer-in-charge
41	UG Calbe -d) 4 core 16 sqmm complete as per specfication & as per direction of Engineer-in-charge
42	Digging of trench of 1.00 mm deep X 0.60 wide refilling the trence to the required ground level and consolidating e ordinary soil complete as per specfication & as per direction of Engineer-in-charge
43	UG cable labour charges d) 4 core 16 sqmm complete as per specfication & as per direction of Engineer-in-charge
44	Refixing available earth around pipe lines, cables in layers not exceeding 20 cms in depth, compacting each dep ramming after watering with lead upto 50m. And lift up to 1.5m including complete as per specfication & as Engineer-in-charge
45	Fabricating supplying and mounting MS box made out 14 SWG suitable for floor/ wall mounting fully weather proc for better hear dissipation provided with hinged front cover equipped with tamper proof locking arrangementw wi clamps with necessary calbe entry pipw with gland box should be finished with 2 coats of red oxide primer p finished with approved color enameled metal paint etc.,complete as per specfication & as per direction of Enginee
46	Supplying fully automatic star - delta starter unit push button type with suitable wires 3 contractor, one adjustabl mounted on a common base plate heeld in steel enclosure for use on 400/400 volts 3 phase and wired after fixing wooden board for motor. complete as per specfication & as per direction of Engineer-in-charge
47	Fixing outdoor panel box complete as per specfication & as per direction of Engineer-in-charge

	Each	-	-38	28	50	1400/-	28	1400	
eer-	Each	-	-250	184	400	73600/-	184	73600	
	Each	-	-100	55	50	2750/-	55	2750	
	Each	-	-80	55	475	26125/-	55	26125	
	Each	-	-266	184	860	1.58.240/-	184	1,58240	
well pump nking quired shall eer-in-	No	-	-	1	45800	45800/-	1	45800	
as per	no	-	-	2	63400	1.26.800/-	2	1.26.800	
ersible	Each	-	-2000	1500	88	1.32.000/-	1500	1.32.000	
	Each	-	-2000	1500	109	1.63.500/-	1500	1.63.500	
	Job	-	-733	94	550	51700/-	94	51700	
flexible de PVC ction of	rmtr	-	-	700	152	1.06.400/-	700	1.06.400	
on & as	mtr	-	-	110	400	44.000/-	110	44.000	
	rmtr	-	-	200 154	140.4	28080/- 21622	200 154	28080 21622	
plete. In	Cum	-	-	72	135	9720/-	72	9720	
	rmtr	-	-	120	8	960/-	120	960	
layer by ection of	Cum	-	-	72	61	4392/-	72	4392	
provision able size nd finally arge	Each	-	-22	24	12236	2.93.664/-	24	2.93.664	
mal timer e existing	Each	-	-	45	5680/-	2.55.600/-	45	2.55.600	
	Each	-	-	45	315	14175/-	45	14175	

	Items of work (grouped under sub-heads the sub works of the estimate)
1	Repairs to Motor: Rewinding of submersible pumpsets with copper insulation wire of suitable guage as per ISI sp guarantee of 6 months For 7.5 HP complete as per specfication & as per direction of Engineer-in-charge For 7.5.HP
2	For 10.00 HP
3	For 12.5 HP
4	Replacement of pump parts the following main components of submersible pumpsets requiring replacemer complete as per specfication & as per direction of Engineer-in-charge
5	Intermediate piece (I.P) with leaded bronze bush complete as per specfication & as per direction of Engineer-in-ch
6	Oil seal steel bush complete as per specfication & as per direction of Engineer-in-charge
7	Oil seal steel bush complete as per specfication & as per direction of Engineer-in-charge
8	Guide vane complete as per specfication & as per direction of Engineer-in-charge
9	Impeller (shell moulded with aluminium and bronze) complete as per specfication & as per direction of Engineer-in
10	Discharge outlet (D.O.) bearing D.O. steel bush complete as per specfication & as per direction of Engineer-in-cha
11	D.O.bearing complete as per specfication & as per direction of Engineer-in-charge
12	Steel bush (D.O. steel bush) complete as per specfication & as per direction of Engineer-in-charge
13	Allen screw complete as per specfication & as per direction of Engineer-in-charge
14	Pump shaft made out of stainless steel center less ground with key way (upto 8 stages) complete as per specfi direction of Engineer-in-charge
15	Pump Key complete as per specfication & as per direction of Engineer-in-charge
16	Pump couping (stainless steel) complete as per specfication & as per direction of Engineer-in-charge
17	Non return valve assembly complete. Rubber 'O' ring complete as per specfication & as per direction of Engineer-
18	Cable guard complete as per specfication & as per direction of Engineer-in-charge
19	Stainer complete as per specfication & as per direction of Engineer-in-charge
20	Brass filter complete as per specfication & as per direction of Engineer-in-charge
21	Labour charges (over hauling only) Per Job complete as per specfication & as per direction of Engineer-in-charge
22	Upper flange complete as per specfication & as per direction of Engineer-in-charge
23	Lower housing complete as per specfication & as per direction of Engineer-in-charge
24	Lower flange complete as per specfication & as per direction of Engineer-in-charge
25	Lock ring complete as per specfication & as per direction of Engineer-in-charge
26	Carbon housing complete as per specfication & as per direction of Engineer-in-charge
27	Thrust bearing block assembly with segment bearing pad complete as per specfication & as per direction of Engi
28	Tip carbon complete as per specfication & as per direction of Engineer-in-charge

	Unit	Previous Measurement		Present Measurement			Total Up-to-date		Remarks
		Qty	Cost	Qty	Rate Rs. Ps.	Cost	Qty	Cost	
tion with	Each	–	–	16	2500	40,000/-	16	40,000/-	
	Each	–	– 89	50	3420	1.71.000/-	50	1.71.000/-	
	Each	–	–	12	4170	50.040/-	12	50.040/-	
p bowls	Each	–	– 498	336	700	2.35,200/-	336	2.35,200/-	
	Each	–	– 25	17	450	7650/-	17	7650/-	
	Each	–	– 25	17	125	2125/-	17	2125/-	
	Each	–	– 70	51	150	7650/-	51	7650/-	
	Each	–	– 240	226	175	39550/-	226	39550/-	
e	Each	–	– 516	370	425	1.57.250/-	370	1.57.250/-	
	Each	–	– 25	17	445	7565/-	17	7565/-	
	Each	–	– 65	47	285	13395/-	47	13395/-	
	Each	–	– 82	55	150	8250/-	55	8250/-	
	Each	–	– 82	47	25	1175/-	47	1175/-	
& as per	Each	–	– 25	17	950	16150/-	17	16150/-	
	Each	–	– 65	47	125	5875/-	47	5875/-	
	Each	–	– 25	17	250	4250/-	17	4250/-	
ge	Each	–	– 25	17	1350	22950/-	17	22950/-	
	Each	–	– 25	17	150	2550/-	17	2550/-	
	Each	–	– 25	17	150	2550/-	17	2550/-	
	Each	–	– 82	47	250	11750/-	47	11750/-	
	Job	–	– 133	78	550	42900/-	78	42900/-	
	Each	–	– 38	28	350	9800/-	28	9800/-	
	Each	–	– 38	28	650	18200/-	28	18200/-	
	Each	–	– 38	28	350	9800/-	28	9800/-	
	Each	–	– 38	28	85	2380/-	28	2380/-	
	Each	–	– 38	28	475	13300/-	28	13300/-	
harge	Each	–	– 38	28	1150	32200/-	28	32200/-	
	Each	–	– 38	28	150	4200/-	28	4200/-	